IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Newns, et al.

Serial No.: Not Yet Assigned | Group Art Unit: Not Yet Assigned

Filing Date: Concurrently Herewith | Examiner: Unknown

For: A GRADIOMETER-BASED FLUX QUBIT FOR QUANTUM COMPUTING AND METHOD THEREFOR

Honorable Commissioner of Patents
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

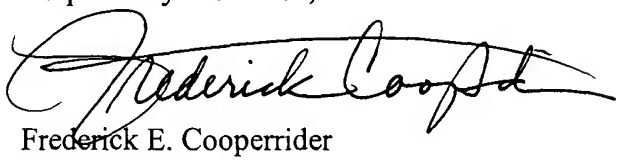
Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Assignee's Deposit Account No. 50-0510.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.	SERIAL NO.
YOR920030106US1	None Yet Assigned
Newns, et al.	
FILING	GROUP
Concurrently herewith	None Yet Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Chiorescu, et al., "Coherent Quantum Dynamics of a Superconducting Flux Qubit", March 21, 2003, Science, Vol. 299, pp. 1869-1871.
			Vion, et al., "Manipulating the Quantum State of an Electrical Circuit", May 3, 2002, Science, Vol. 296, pp. 886-889.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.